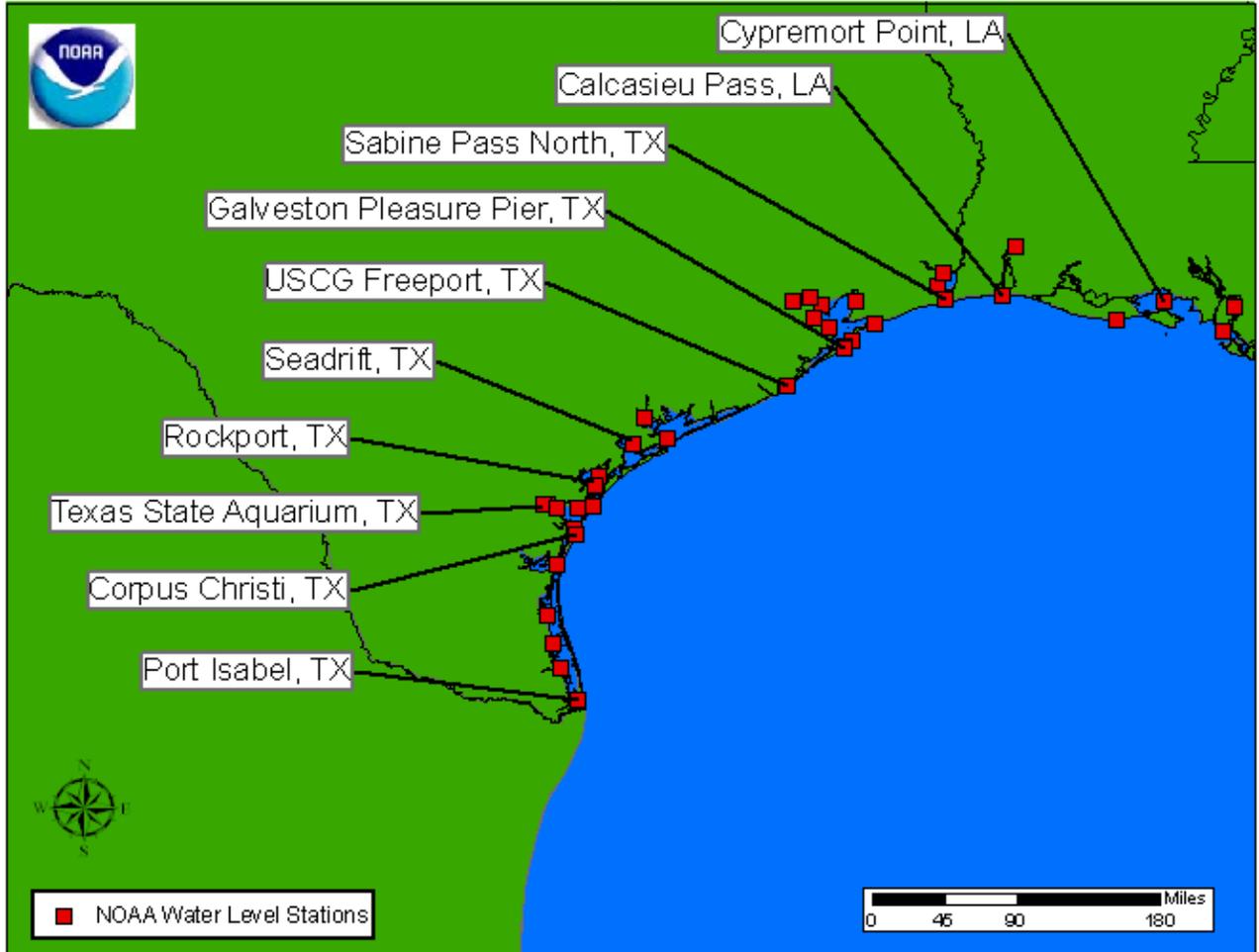




Tropical Storm DOLLY QuickLook  
Posted: 05:30 CDT 07/24/2008

**NOAA and NOAA Partnership Stations Relative to the Storm**



**Storm Analysis**

**No further QuickLooks will be posted for this storm unless conditions warrant and the National Hurricane Center (NHC) issues a new Tropical Storm Warning for the U.S. coastline.**

**As of 07/24/2008 05:30 CDT, Port Isabel water levels have fallen rapidly since DOLLY has moved inland. Water levels north of landfall, from Texas to west Louisiana still remain elevated from 1 to 2 feet above predicted, however some stations are beginning to see falling water levels. Barometric pressure continues to rise. Water levels in bays and associated waterways remain elevated and may include impacts from hydrological forces, including rainfall runoff. For more information, please see <http://ahps.srh.noaa.gov/index.php?wfo=crp>**

**Water Level and Meteorological plots available below are updated automatically. Water level predictions relative to Mean Lower Low Water are:**

Port Isabel, TX: Next predicted high tide is 0.80 ft (0.24 m) on 07/24/2008 at 07:03 CDT.

Corpus Christi, TX: Next predicted high tide is 1.07 ft (0.33 m) on 07/24/2008 at 07:12 CDT.

Texas State Aquarium, TX: Next predicted high tide is 0.20 ft (0.06 m) on 07/24/2008 at 10:17 CDT.

Rockport, TX: Next predicted high tide is 0.15 ft (0.05 m) on 07/24/2008 at 09:18 CDT.

Seadrift, TX: Next predicted high tide is 0.10 ft (0.03 m) on 07/24/2008 at 14:36 CDT.

USCG Freeport, TX: Next predicted high tide is 1.18 ft (0.36 m) on 07/24/2008 at 07:33 CDT.

Galveston Pleasure Pier, TX: Next predicted high tide is 1.50 ft (0.46 m) on 07/24/2008 at 06:57 CDT.

Sabine Pass North: Next predicted high tide is 1.30 ft (0.40 m) on 07/24/2008 at 07:12 CDT.

Calcasieu Pass, LA: Next predicted high tide is 1.60 ft (0.49 m) on 07/24/2008 at 06:16 CDT.

Cypremort Point, LA: Next predicted high tide is 1.21 ft (0.37 m) on 07/24/2008 at 09:36 CDT.

For additional data, please see the [Center for Operational Oceanographic Products & Services](#) website. For more information or archived products and reports, please see the [Storm QuickLook](#) Homepage.

Analyst: ND

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**SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:**

**HURRICANE DOLLY ADVISORY NUMBER 16**

**HEAVY RAINS CONTINUE OVER DEEP SOUTH TEXAS**

**A TROPICAL STORM WARNING REMAINS IN EFFECT ALONG THE TEXAS COAST FROM BROWNSVILLE TO PORT ARANSAS. THIS WARNING WILL LIKELY BE DISCONTINUED LATER THIS MORNING.**

**FOR STORM INFORMATION SPECIFIC TO YOUR AREA INCLUDING POSSIBLE INLAND WATCHES AND WARNINGS PLEASE MONITOR PRODUCTS ISSUED BY YOUR LOCAL WEATHER OFFICE.**

**AT 400 AM CDT 0900Z THE CENTER OF TROPICAL STORM DOLLY WAS LOCATED NEAR LATITUDE 26.9 NORTH LONGITUDE 98.6 WEST OR ABOUT 95 MILES 155 KM NORTHWEST OF BROWNSVILLE TEXAS.**

**DOLLY IS MOVING TOWARD THE WEST-NORTHWEST NEAR 7 MPH 11 KM/HR. A CONTINUED MOTION TOWARD THE WEST-NORTHWEST IS EXPECTED DURING THE NEXT DAY OR SOWITH A SLIGHT INCREASE IN FORWARD SPEED UNTIL THE SYSTEM**

**DISSIPATES ON FRIDAY.**

**MAXIMUM SUSTAINED WINDS ARE NEAR 60 MPH 95 KM/HR WITH HIGHER GUSTS. DOLLY IS EXPECTED TO WEAKEN AS IT MOVES FARTHER INLAND AND IT IS EXPECTED TO BECOME A TROPICAL DEPRESSION BY TONIGHT.**

**TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 85 MILES 140 KM FROM THE CENTER.**

**ESTIMATED MINIMUM CENTRAL PRESSURE IS 991 MB 29.26 INCHES.**

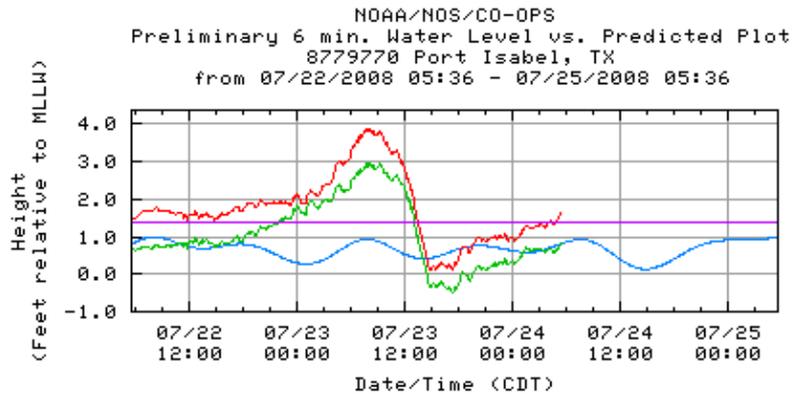
**DOLLY IS EXPECTED TO PRODUCE TOTAL RAINFALL ACCUMULATIONS OF 8 TO 12 INCHES WITH ISOLATED AMOUNTS OF 20 INCHES OVER PORTIONS OF SOUTH TEXAS AND NORTHEASTERN MEXICO. THESE RAINS ARE VERY LIKELY TO CAUSE WIDESPREAD FLOODING.**

**FORECASTER KNABB**

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Port Isabel - Water Level](#), [Port Isabel - Air/Water Temp](#), [Port Isabel - Winds](#), [Port Isabel - Barometric](#), [Corpus Christi - Water Level](#), [Corpus Christi - Air/Water Temp](#), [Corpus Christi - Winds](#), [Corpus Christi - Barometric](#), [Texas State Aquarium - Water Level](#), [Rockport - Water Level](#), [Rockport - Air/Water Temp](#), [Rockport - Winds](#), [Rockport - Barometric](#), [Seadrift - Water Level](#), [USCG Freeport - Water Level](#), [USCG Freeport - Air/Water Temp](#), [USCG Freeport - Winds](#), [Galveston Pleasure Pier - Water Level](#), [Galveston Pleasure Pier - Air/Water Temp](#), [Galveston Pleasure Pier - Winds](#), [Sabine Pass North - Water Level](#), [Sabine Pass North - Air/Water Temp](#), [Sabine Pass North - Winds](#), [Calcasieu Pass - Water Level](#), [Calcasieu Pass - Winds](#), [Cypremort Point - Water Level](#),

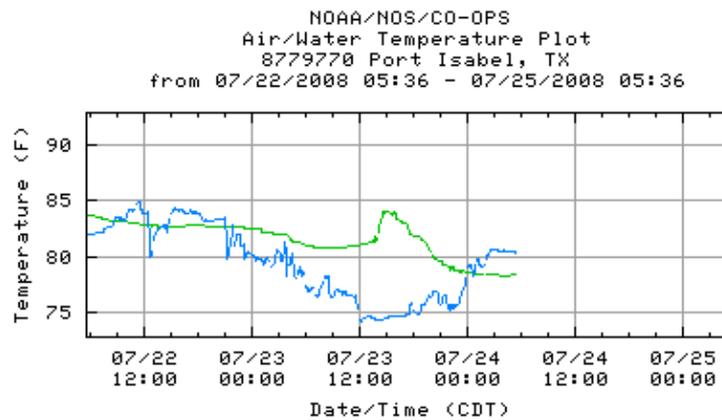
**Port Isabel, TX - Station Map** [Return to List](#)



Predicted WL ——— (Obs-Pred) ———  
 Observed WL ——— MHHW ———

Last Observed Sample: 07/24/2008 05:24 (CDT)  
 Relative to **MLLW**: **Observed: 1.64 ft. Predicted: 0.81 ft. Residual: 0.83 ft.**  
 Historical Maximum Water Level: 08/09/1980, 5.67 ft. above **MHHW**

**Port Isabel, TX - Station Map** [Return to List](#)

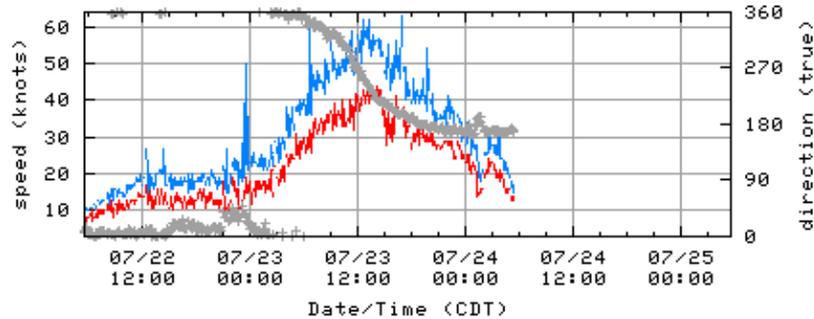


water temp. ——— air temp ———

Last Observed Sample: 07/24/2008 05:24 (CDT)  
**Water Temperature: 78.4° F Air Temperature: 80.2° F**

**Port Isabel, TX - Station Map** [Return to List](#)

NOAA/NOS/CO-OPS  
Wind Speed/Gusts/Dir  
8779770 Port Isabel, TX  
from 07/22/2008 05:36 - 07/25/2008 05:36



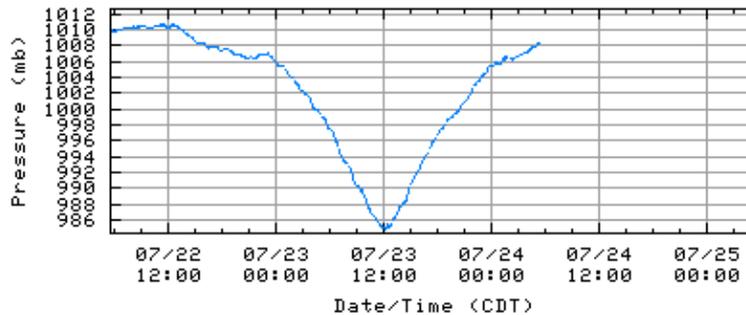
speed — gusts — direction +

Last Observed Sample: 07/24/2008 05:24 (CDT)

Wind Speed: 14 knots Gusts: 17 knots Direction: 169° T

**Port Isabel, TX - Station Map** [Return to List](#)

NOAA/NOS/CO-OPS  
Barometric Pressure Plot  
8779770 Port Isabel, TX  
from 07/22/2008 05:36 - 07/25/2008 05:36

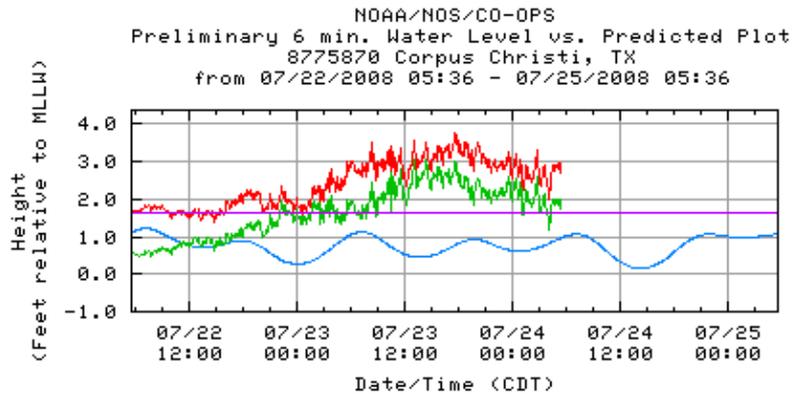


barometric pressure —

Last Observed Sample: 07/24/2008 05:24 (CDT)

Barometric Pressure: 1008.3 mb

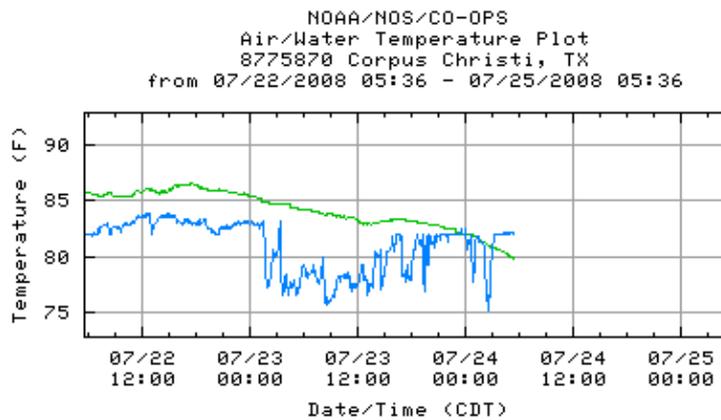
**Corpus Christi, TX - Station Map** [Return to List](#)



Predicted WL ——— (Obs-Pred) ———  
 Observed WL ——— MHHW ———

Last Observed Sample: 07/24/2008 05:24 (CDT)  
 Relative to **MLLW**: **Observed: 2.70 ft. Predicted: 0.96 ft. Residual: 1.74 ft.**  
 Historical Maximum Water Level: 09/10/1998, 3.33 ft. above **MHHW**

**Corpus Christi, TX - Station Map** [Return to List](#)

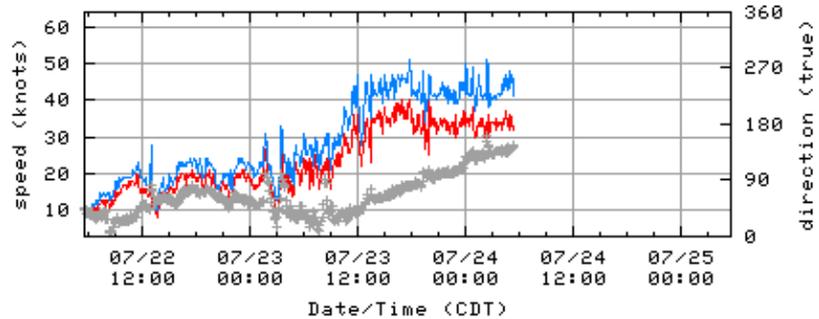


water temp. ——— air temp ———

Last Observed Sample: 07/24/2008 05:24 (CDT)  
**Water Temperature: 79.7° F Air Temperature: 82.0° F**

**Corpus Christi, TX - Station Map** [Return to List](#)

NOAA/NOS/CO-OPS  
Wind Speed/Gusts/Dir  
8775870 Corpus Christi, TX  
from 07/22/2008 05:36 - 07/25/2008 05:36



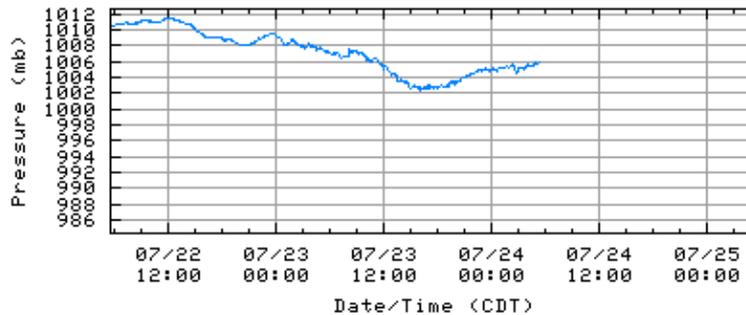
speed — gusts — direction +

Last Observed Sample: 07/24/2008 05:24 (CDT)

Wind Speed: 32 knots Gusts: 41 knots Direction: 143° T

**Corpus Christi, TX - Station Map** [Return to List](#)

NOAA/NOS/CO-OPS  
Barometric Pressure Plot  
8775870 Corpus Christi, TX  
from 07/22/2008 05:36 - 07/25/2008 05:36

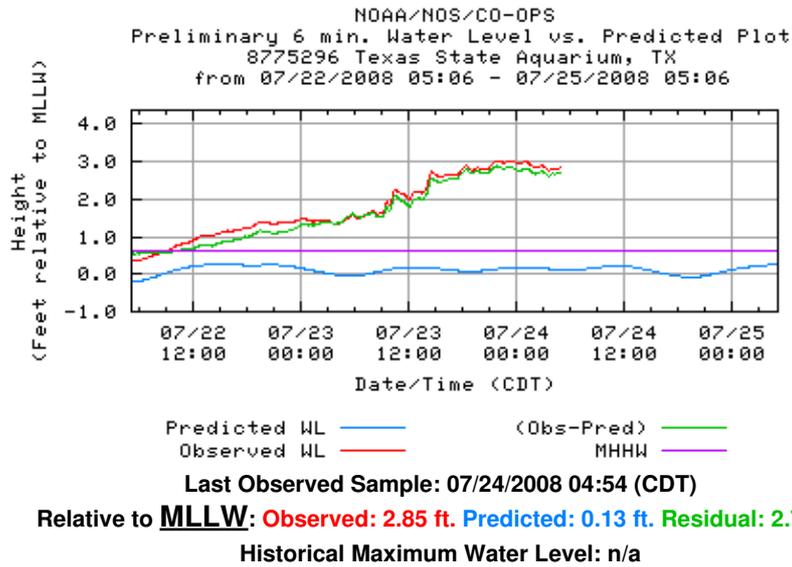


barometric pressure —

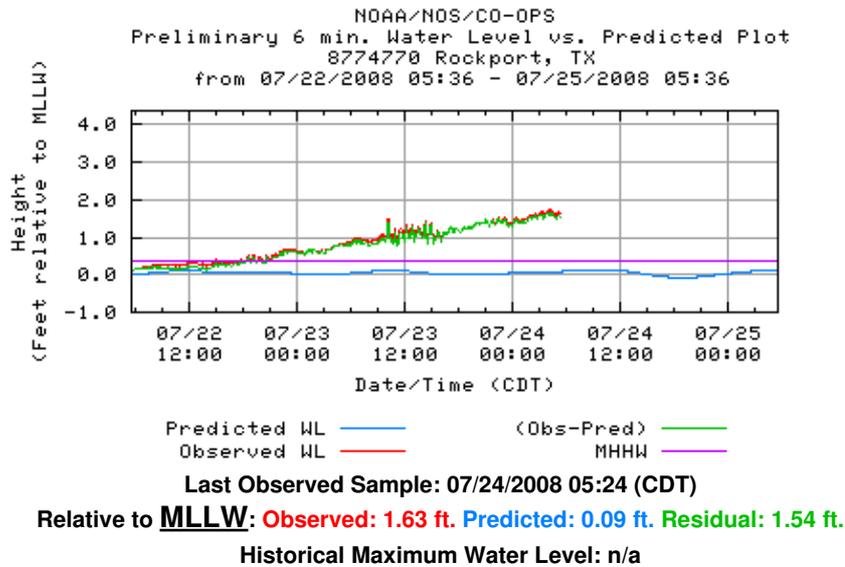
Last Observed Sample: 07/24/2008 05:24 (CDT)

Barometric Pressure: 1005.9 mb

**Texas State Aquarium, TX - Station Map** [Return to List](#)

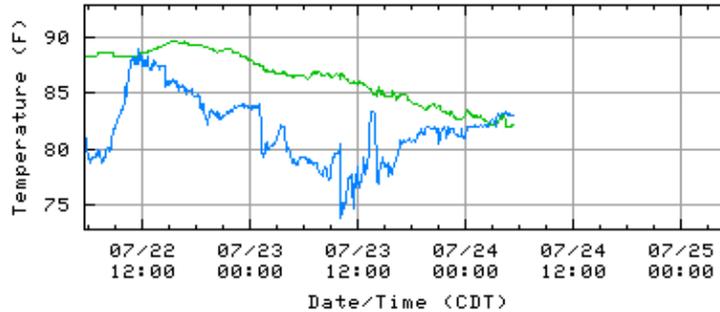


**Rockport, TX - Station Map** [Return to List](#)



**Rockport, TX - Station Map** [Return to List](#)

NOAA/NOS/CO-OPS  
Air/Water Temperature Plot  
8774770 Rockport, TX  
from 07/22/2008 05:36 - 07/25/2008 05:36



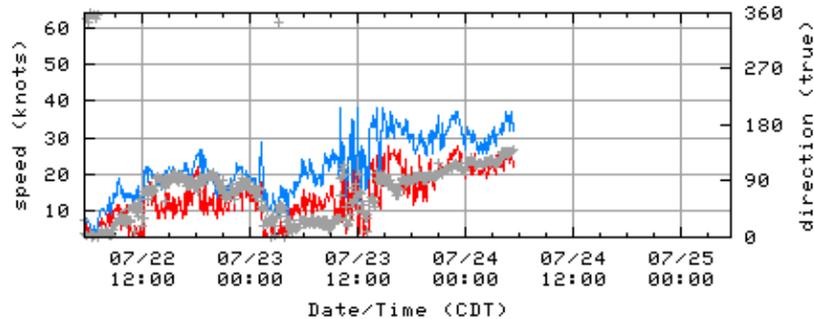
water temp. — air temp. —

Last Observed Sample: 07/24/2008 05:24 (CDT)

Water Temperature: 82.2° F Air Temperature: 82.9° F

**Rockport, TX - Station Map** [Return to List](#)

NOAA/NOS/CO-OPS  
Wind Speed/Gusts/Dir  
8774770 Rockport, TX  
from 07/22/2008 05:36 - 07/25/2008 05:36



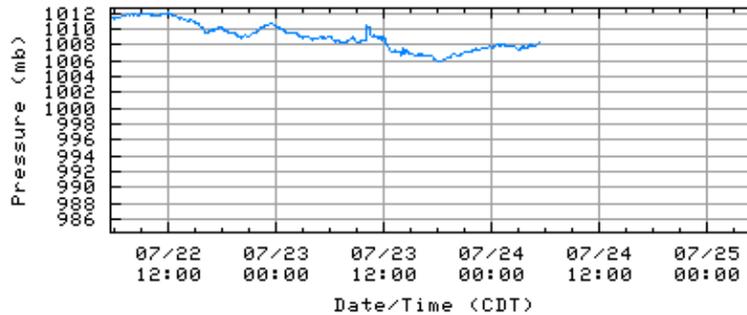
speed — gusts — direction +

Last Observed Sample: 07/24/2008 05:24 (CDT)

Wind Speed: 22 knots Gusts: 32 knots Direction: 139° T

**Rockport, TX - Station Map** [Return to List](#)

NOAA/NOS/CO-OPS  
 Barometric Pressure Plot  
 8774770 Rockport, TX  
 from 07/22/2008 05:36 - 07/25/2008 05:36



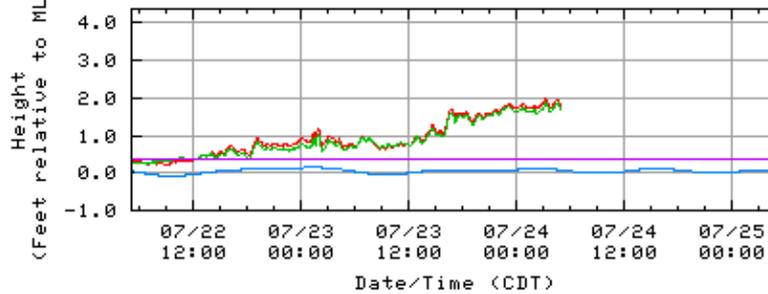
barometric pressure —

Last Observed Sample: 07/24/2008 05:24 (CDT)

Barometric Pressure: 1008.2 mb

**Seadrift, TX - Station Map** [Return to List](#)

NOAA/NOS/CO-OPS  
 Preliminary 6 min. Water Level vs. Predicted Plot  
 8773037 Seadrift, TX  
 from 07/22/2008 05:12 - 07/25/2008 05:12



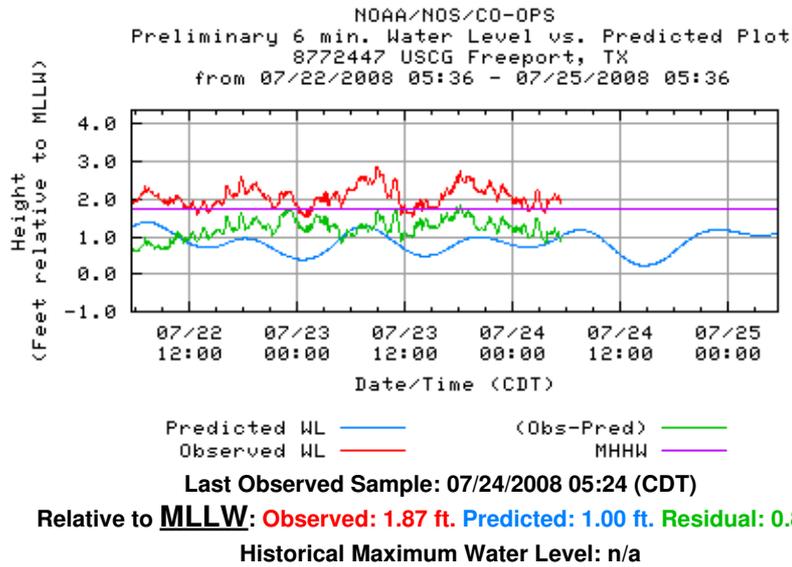
Predicted WL — (Obs-Pred) —  
 Observed WL — MHHW —

Last Observed Sample: 07/24/2008 05:00 (CDT)

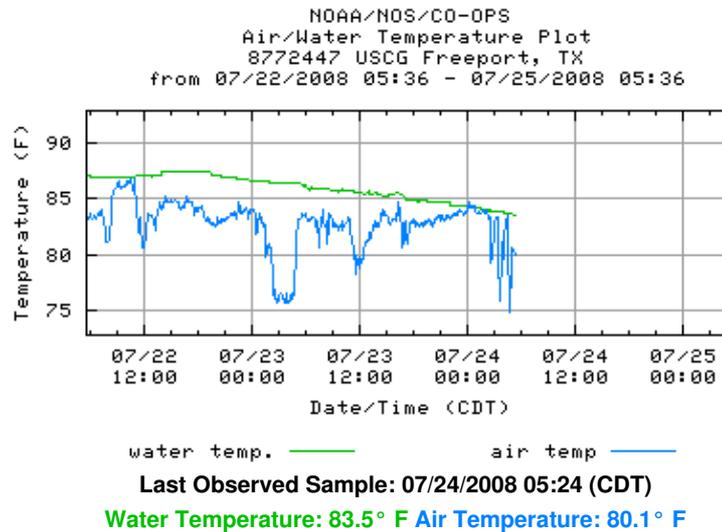
Relative to **MLLW**: Observed: 1.76 ft. Predicted: 0.08 ft. Residual: 1.68 ft.

Historical Maximum Water Level: n/a

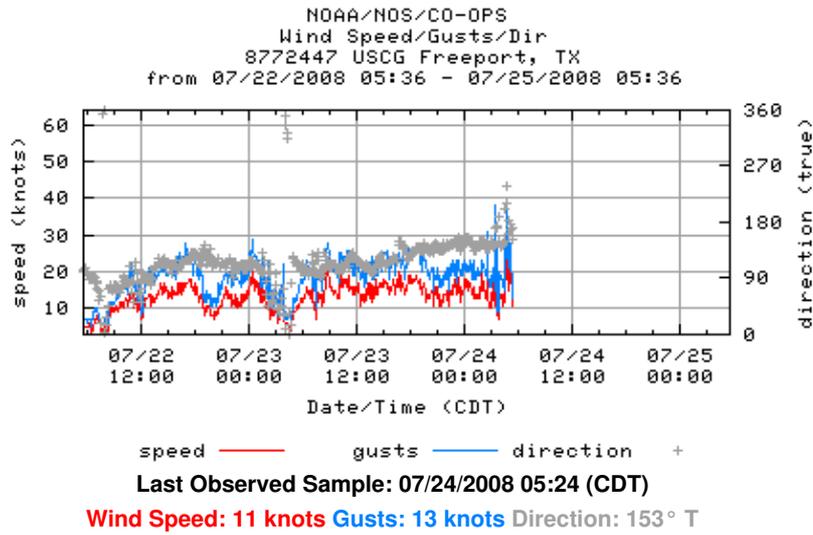
**USCG Freeport, TX - Station Map** [Return to List](#)



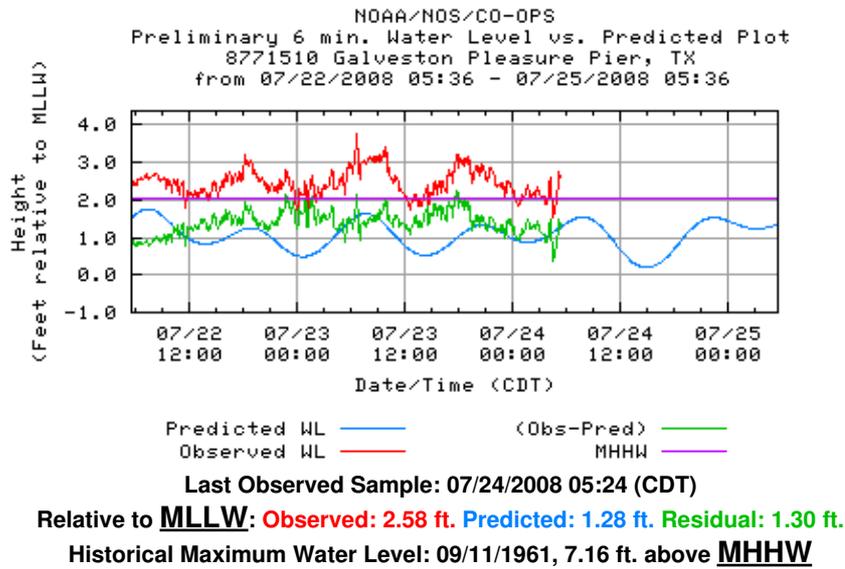
**USCG Freeport, TX - Station Map** [Return to List](#)



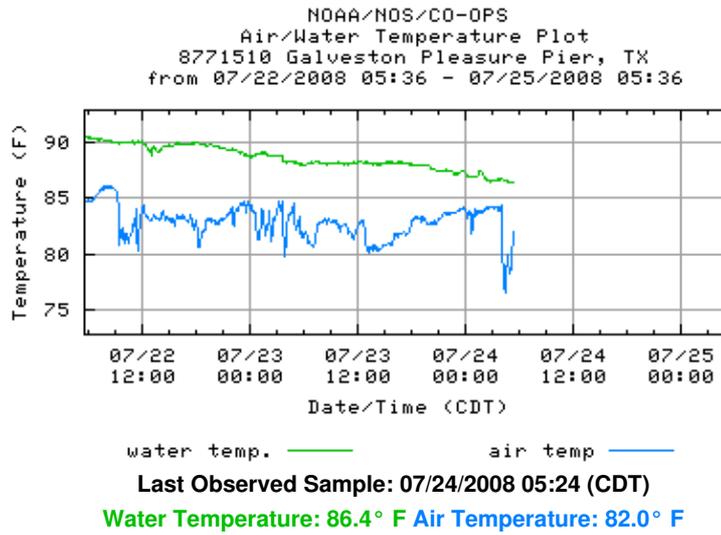
**USCG Freeport, TX - Station Map** [Return to List](#)



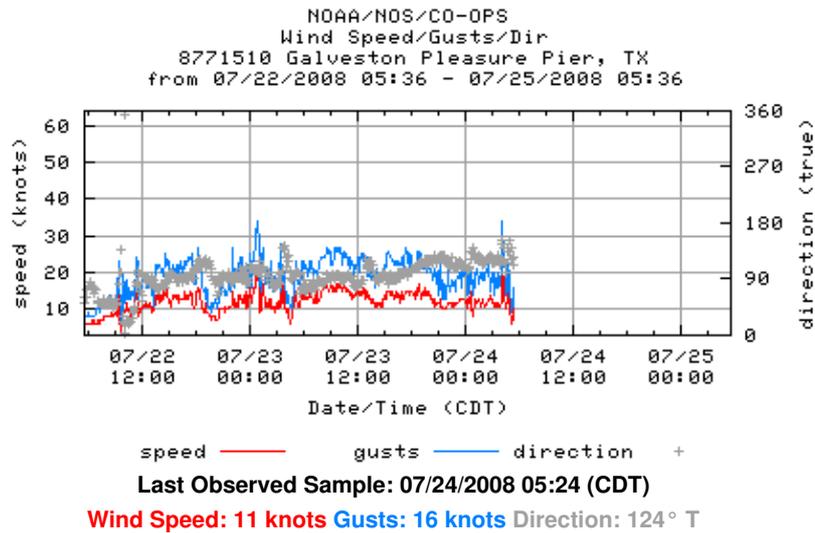
**Galveston Pleasure Pier, TX - Station Map** [Return to List](#)



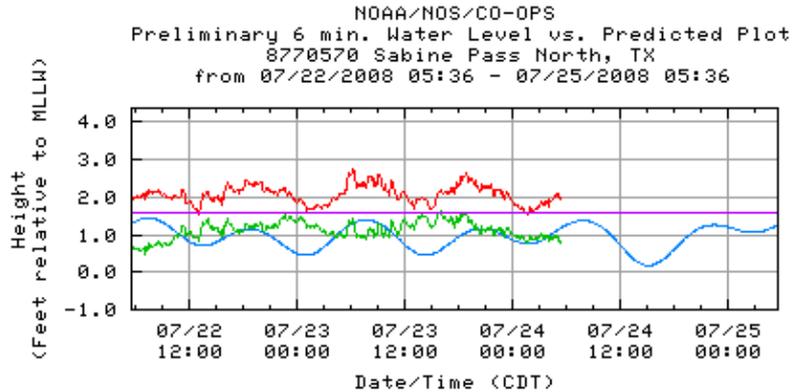
**Galveston Pleasure Pier, TX - Station Map** [Return to List](#)



**Galveston Pleasure Pier, TX - Station Map** [Return to List](#)



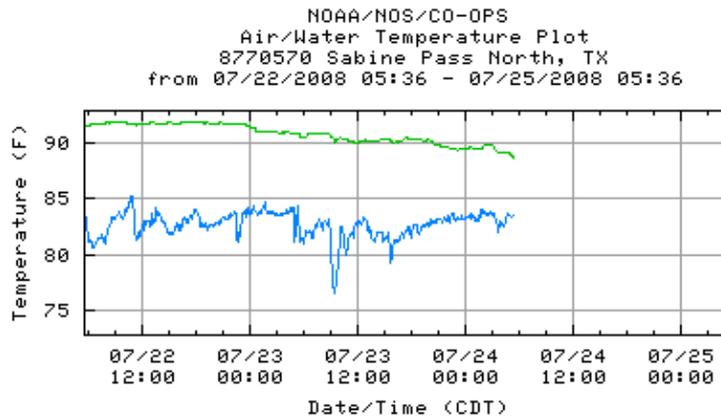
**Sabine Pass North, TX - Station Map** [Return to List](#)



Predicted WL ——— (Obs-Pred) ———  
 Observed WL ——— MHHW ———

Last Observed Sample: 07/24/2008 05:24 (CDT)  
 Relative to **MLLW**: **Observed: 2.01 ft. Predicted: 1.17 ft. Residual: 0.84 ft.**  
 Historical Maximum Water Level: 09/11/1998, 3.32 ft. above **MHHW**

**Sabine Pass North, TX - Station Map** [Return to List](#)

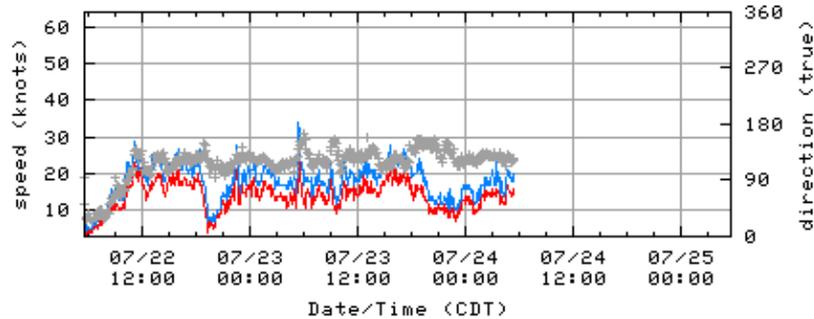


water temp. ——— air temp ———

Last Observed Sample: 07/24/2008 05:24 (CDT)  
**Water Temperature: 88.5° F Air Temperature: 83.5° F**

**Sabine Pass North, TX - Station Map** [Return to List](#)

NOAA/NOS/CO-OPS  
 Wind Speed/Gusts/Dir  
 8770570 Sabine Pass North, TX  
 from 07/22/2008 05:36 - 07/25/2008 05:36



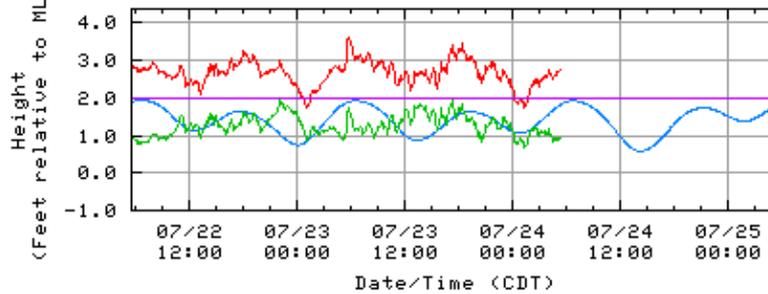
speed — gusts — direction +

Last Observed Sample: 07/24/2008 05:24 (CDT)

Wind Speed: 16 knots Gusts: 20 knots Direction: 125° T

**Calcasieu Pass, LA - Station Map** [Return to List](#)

NOAA/NOS/CO-OPS  
 Preliminary 6 min. Water Level vs. Predicted Plot  
 8768094 Calcasieu Pass, LA  
 from 07/22/2008 05:36 - 07/25/2008 05:36



Predicted WL — (Obs-Pred) —  
 Observed WL — MHHW —

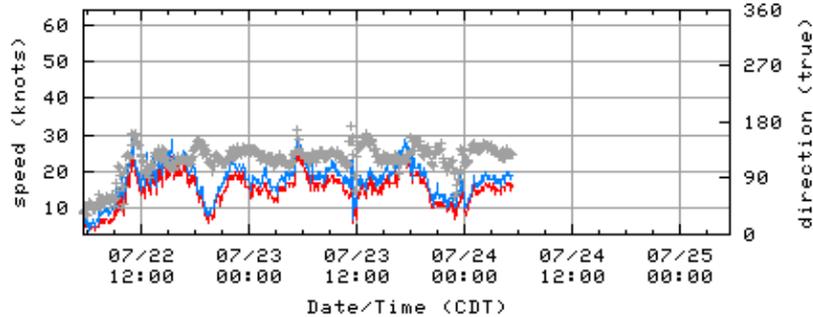
Last Observed Sample: 07/24/2008 05:24 (CDT)

Relative to **MLLW**: Observed: 2.75 ft. Predicted: 1.82 ft. Residual: 0.93 ft.

Historical Maximum Water Level: n/a

**Calcasieu Pass, LA - Station Map** [Return to List](#)

NOAA/NOS/CO-OPS  
 Wind Speed/Gusts/Dir  
 8768094 Calcasieu Pass, LA  
 from 07/22/2008 05:36 - 07/25/2008 05:36



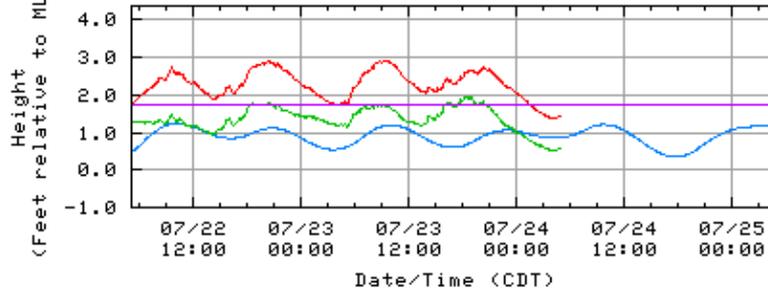
speed — gusts — direction +

Last Observed Sample: 07/24/2008 05:18 (CDT)

Wind Speed: 16 knots Gusts: 19 knots Direction: 128° T

**Cypremort Point, LA - Station Map** [Return to List](#)

NOAA/NOS/CO-OPS  
 Preliminary 6 min. Water Level vs. Predicted Plot  
 8765251 Cypremort Point, LA  
 from 07/22/2008 05:06 - 07/25/2008 05:06



Predicted WL — (Obs-Pred) —  
 Observed WL — MHHW —

Last Observed Sample: 07/24/2008 04:48 (CDT)

Relative to **MLLW**: Observed: 1.43 ft. Predicted: 0.86 ft. Residual: 0.57 ft.

Historical Maximum Water Level: n/a

# Tropical Storm DOLLY QuickLook, POSTED 05:30 CDT 07/24/2008

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)  
National Oceanic and Atmospheric Administration | U.S. Department of Commerce